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[\[PDF\]](#) •... quantitative tissue characterization of diffuse liver **disease** from ultrasound images

YM Kadah, AA Farag, JM Zurada, AM Badawi, ABM ... - IEEE transactions on ..., 1996 - utcluj.ro
... mainly on minimizing errors due to these **overlaps**. This can be achieved by optimizing the pro- ...
memberships. For example, in the voting **k-nearest neighbor** technique, classification is made ...
disease while the true **diagnosis** is indeed a normal liver (ie, negative). ...

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[Instance-based learning algorithms](#)- [psu.edu](#) [\[PDF\]](#)

DW Aha, D Kibler, MK Albert - Machine learning, 1991 - Springer

... For example, Breiman, Fried- man, Olshen, and Stone (1984) described several problems
confronting derivatives of the nearest **neighbor** algorithm: ... However, IBL algorithms can learn
multiple, pos- sibly **overlapping** concept descriptions simultaneously (Aha, 1989a). ...

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[A space-time cluster investigation of an outbreak of acute respiratory disease in ...](#)

M Norström, DU Pfeiffer, J Jarp - Preventive Veterinary Medicine, 2000 - Elsevier

... The program also reports secondary clusters which are other clusters which do not **overlap** with
the most ... study area and time period, the likelihood no longer reflects a **cluster** of increased **disease**
risk inside ... The Knox test and the **k-nearest neighbour** test were run using the Statt! ...

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[Improving diagnostic accuracy using a hierarchical neural network to model ...](#)

D West, V West - International journal of medical informatics, 2000 - Elsevier

... in diagnostic support systems: linear discriminant analysis, logistic regression, **k nearest neighbor**,
kernel density ... MOE network is used in this research to diagnose two **overlapping diseases**,
seborrheic dermatitis ... between these two experts and learns to assign a **disease** to one ...

[Cited by 23](#) - [Related articles](#) - [BL Direct](#) - [All 6 versions](#)

[A review of methods for the statistical analysis of spatial patterns of disease](#)

RJ Marshall - Journal of the Royal Statistical Society. Series A (..., 1991 - jstor.org

... is a T-type statistic with $x_{ij} = 1$ if j is one of the **k nearest** neighbours of i ... It is likely that significance
will be attained in each of several **overlapping** or concentric circles ... It allows something between
shrinkage towards an overall mean rate and agreement between **neighbour** rates. ...

[Cited by 178](#) - [Related articles](#) - [All 2 versions](#)

[The use of the area under the ROC curve in the evaluation of machine learning ...](#)- [psu.edu](#) [\[PDF\]](#)

AP Bradley - Pattern Recognition, 1997 - Elsevier

... **k-Nearest Neighbours** ... These para- meters include the pruning parameters for the decision trees,
the value of k for the nearest **neighbour** algorithm, and the ... is due, in part, to the type of problems
we have analysed, being primar- ily continuous inputs with **overlapping** classes; the ...

[Cited by 751](#) - [Related articles](#) - [BL Direct](#) - [All 18 versions](#)

Statistical methods in **diagnosis**

DJ Hand - Statistical Methods in Medical Research, 1992 - [snn.sagepub.com](#)

... A brief review is presented of classical linear discriminant analysis, quadratic discriminant analysis, logistic regression, nearest **neighbour** and kernel methods, ... **Diagnosis** is classification. ... will serve to tell us which patients are 'similar' in terms of their **disease** manifestations ...

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Gynecologic specimen analysis by multiangle light scattering in a flow system- [jhc.org](#) [PDF]

GC Salzman, JM Crowell, KM Hansen, M ... - ... of Histochemistry and ..., 1976 - Histochemical Soc ... light-scatter patterns from mammalian cells, this tool has only recently begun to find application as an aid to the clinician in **disease diagnosis**. ... Note the **overlap** of distributions on ring 21. ... points are computed using the "K-nearest neighbor method," with K usually chosen as 15 ...

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Methodological problems and the role of statistics in **cluster** response studies: a ...- [jstor.org](#) [PDF]

PKM Quataert, B Armstrong, A Berghold, F Bianchi, ... - European journal of ..., 1999 - Springer ... is possible to perform more easily than before so-called replication studies in the **neighbourhood** of ... This **overlap** is also illustrated in Table 1 where some types of **cluster** studies are ... it is better to stop the investigation unless the link between exposure and the **disease** is biologi ...

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Automated classification of **clustered** microcalcifications into malignant and benign ...

WJH Veldkamp, N Karssemeijer, JDM Otten, JHCL ... - Medical Physics, 2000 - [link.aip.org](#)

... However, several benign **diseases** show microcalcifications as well. ... The first-step classifier, using the **k-nearest-neighbor** method, was used for classification of clusters in both CC and MLO views. ... By taking groups of discs that touch or **overlap cluster** area's were defined. ...

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